



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 4848/1
File Number: 2012/000563-1
Duration of Permit: From 23 April 2012 to 23 April 2014

PERMIT HOLDER

Warren River Resort Strata

LAND ON WHICH CLEARING IS TO BE DONE

Lot 1 on Diagram 73669 (Crowea 6258)

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 1 hectare of native vegetation within the area cross hatched yellow on attached Plan 4848/1.

CONDITIONS

1. Dieback and weed control

When undertaking any clearing or other activity authorised under this Permit, the Permit Holder must take the following steps to minimise the risk of the introduction and spread of *weeds* and *dieback*:

- (a) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- (b) shall only move soils in *dry conditions*;
- (c) ensure that no *dieback* or *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
- (d) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.

DEFINITIONS

The following meanings are given to terms used in this Permit:

dieback means the effect of *Phytophthora* species on native vegetation;

dry conditions means when soils (not dust) do not freely adhere to rubber tyres, tracks, vehicle chassis or wheel arches;

fill means material used to increase the ground level, or fill a hollow;

mulch means the use of organic matter, wood chips or rocks to slow the movement of water across the soil surface and to reduce evaporation;

weed/s means a species listed in Appendix 3 of the "Environmental Weed Strategy" published by the Department of Conservation and Land Management (1999), and plants declared under section 37 of the *Agriculture and Related Resources Protection Act 1976*.

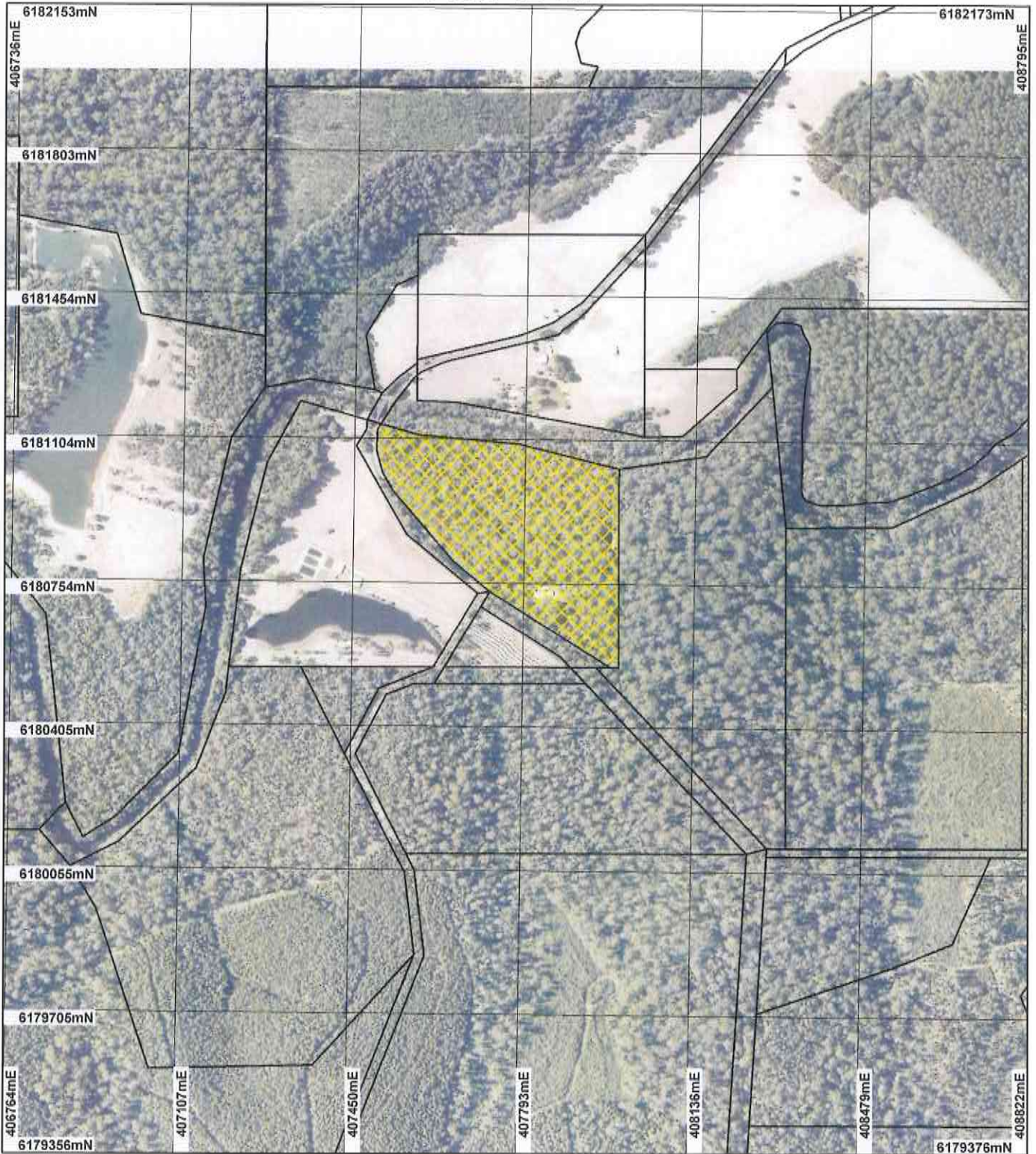
A handwritten signature in black ink, appearing to be "K. Faulkner", written over a horizontal line.

Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

*Officer delegated under Section 20
of the Environmental Protection Act 1986*



29 March 2012

Plan 4848/1



LEGEND

Clearing instruments

-  Areas Approved to Clear
-  Cadastre
- Northcliffe 50cm Orthomosaic
- Landgate 2007



0 300 m

Scale 1:12280

(Approximate when reproduced at A4)

Geocentric Datum Australia 1994

Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

K. Faulkner

Date 29/3/12

Information derived from this map should be confirmed with the data custodian acknowledged by the agency acronym in the legend.



Department of Environment and Conservation

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1. Application details

1.1. Permit application details

Permit application No.: 4848/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Owners of Strata Plan 36329 of Warren River Resort

1.3. Property details

Property: LOT 1 ON DIAGRAM 73669 (Lot No. 1 PEMBERTON-NORTHCLIFFE CROWEA 6258)
Local Government Area: Shire of Manjimup
Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
1		Mechanical Removal	Hazard reduction or fire control

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 29 March 2012

2. Site Information

2.1. Existing environment and information

2.1.1. Description of the native vegetation under application

Vegetation Description	Clearing Description	Vegetation Condition	Comment
Mapped Beard vegetation association 1144: Tall forest; karri & marri (<i>Corymbia calophylla</i>) (Shepherd, 2009).	The application is to clear 1 hectare of native vegetation for the purpose of fire breaks. The vegetation under application was considered to be in a very good (Keighery, 1994)	Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery 1994)	The condition of the vegetation under application was obtained from a recent site inspection undertaken by the Department of Environment and Conservation (DEC, 2012).
Mattiske vegetation complex Warren (WA): Tall open forest of <i>Eucalyptus diversicolor-Corymbia calophylla</i> on the slopes and tall open forest of <i>Eucalyptus diversicolor-Corymbia calophylla</i> with some <i>Eucalyptus patens</i> over <i>Agonis flexuosa</i> , <i>Allocasuarina decussata</i> and <i>Callistachys lanceolata</i> on the valley floors in hyperhumid and perhumid zones (Mattiske and Havel, 1998).	condition and consisted of an open Karri forest with a middle story of <i>Trymalium floribundum</i> , <i>Acacia pentadenia</i> with a ground cover of Bracken Fern , <i>Hovea</i> (DEC, 2012).		

3. Assessment of application against clearing principles

Comments

The application is to clear 1 hectare of native vegetation for the purpose of fire breaks. The vegetation under application consists of an open Karri forest with a middle story of *Trymalium floribundum*, *Acacia pentadenia* and a ground cover of Bracken Fern ,*Hovea* (DEC, 2012). The vegetation under application is considered to be in a very good (Keighery, 1994) condition (DEC, 2012).

Several priority flora species have been recorded within a 10km radius of the application. The closest mapped priority flora species is *Thomasia brachystachys* (P1), approximately 2.7km west of the application area.

Several Fauna of conservation significance are also known to occur in the area. Given the linear nature of the proposed clearing, it is unlikely that fauna or flora of conservation significance will be significantly impacted upon by the proposed clearing.

The Brockman National Park borders the southern boundary of the application area. The proposed clearing

may indirectly impact on the environmental values of the adjoining conservation reserves through the spread or introduction of weed species or dieback by machinery.

Given the possible indirect impact through the spread of weeds and dieback, the clearing as proposed may impact on the environmental values of nearby conservation areas. Therefore, the clearing as proposed may be at variance to Principle (h).

Weed control and dieback management practices will mitigate any impacts from the proposed clearing.

The assessment determined that the proposed clearing area is not likely to comprise of a high level of biodiversity, nor is it likely to impact on biodiversity in the local area. Additionally the application is not likely to impact upon ground water quality, surface water quality or cause appreciable land degradation in the local area.

Given the above, the application may be at variance to principle (h) and is not likely to be at variance to the remaining clearing principles.

Methodology References
DEC (2012)
Keighery (1994)

GIS DATABASE
- DEC Tenure
- Pre European Vegetation
- SAC Biodata Sets (Assesst March 2012)

Planning instrument, Native Title, Previous EPA decision or other matter.

Comments

The Shire of Manjimup (2012) advises that there is no planning or other matters which would affect the proposal.

The Department of Water (DoW, 2012) advises that the proposed clearing site lies within the 1 September 1978 Country Areas Water Supply Act 1947 (CAWS Act) gazetted Warren River Water Reserve. The Warren River catchment has been subjected to CAWS Act native vegetation clearing controls since December 1978 to prevent salinisation of water resources. Lot 1 is located in Zone D, a low salinity risk part of the catchment, where DoW Policy and Guidelines for the Granting of Licences to Clear Indigenous Vegetation provide for the grant of a licence subject to the retention of native vegetation on at least 10 percent of the holding area. There will still be 10 percent native vegetation on the reserve if the application is approved and therefore DoW has no objections to the clearing proposal (DoW, 2012).

Methodology References
DoW (2012)
Shire of Manjimup (2012)

4. References

- DEC (2012) Site Inspection Report for Clearing Permit Application CPS 4848/1, Lot 1, Pemberton. Site inspection undertaken 15/03/2012. Department of Environment and Conservation, Western Australia (TRIM Ref. DOC484764).
- DoW (2012). Comments provided for Clearing Permit Application CPS 4848/1. Department of Water, Western Australia (DEC Ref:A478958)
- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Mattiske, E.M. and Havel, J.J. (1998) Vegetation Complexes of the South-west Forest Region of Western Australia. Maps and report prepared as part of the Regional Forest Agreement, Western Australia for the Department of Conservation and Land Management and Environment Australia.
- Shepherd, D.P. (2009) Adapted from: Shepherd, D.P., Beeston, G.R., and Hopkins, A.J.M. (2001), Native Vegetation in Western Australia. Technical Report 249. Department of Agriculture Western Australia, South Perth.
- Shire of Manjimup (2012) Comments provided for Clearing Permit Application CPS 4848/1 (DEC Ref:A478958)

5. Glossary

Term	Meaning
BCS	Biodiversity Coordination Section of DEC
CALM	Department of Conservation and Land Management (now BCS)
DAFWA	Department of Agriculture and Food

DEC	Department of Environment and Conservation
DEP	Department of Environmental Protection (now DEC)
DoE	Department of Environment
DoIR	Department of Industry and Resources
DRF	Declared Rare Flora
EPP	Environmental Protection Policy
GIS	Geographical Information System
ha	Hectare (10,000 square metres)
TEC	Threatened Ecological Community
WRC	Water and Rivers Commission (now DEC)